

## Assignment-7

Ans-1 # include <stdio.h>

# include <conio.h>

int main( )

{ printf("Enter a number"); }

int n; scanf("%d", &n);

printf("Enter a number");

scanf("%d", &n);

if (n > 0)

printf("Positive");

else

printf("Non-Positive");

}

Ans-2 # include <stdio.h>

# include <conio.h>

int main( )

{ printf("Enter a number"); }

int n; scanf("%d", &n);

printf("Enter a number");

scanf("%d", &n);

if (n % 5 == 0)

printf("Divisible by 5");

else

printf("Not Divisible by 5");

getch();

}

Ans-3.

```
#include <stdio.h> //  

#include <conio.h>  

int main()  

{  

    int m;  

    printf("Enter a number");  

    scanf("%d", &m);  

    if (m % 2 == 0) // even  

        printf("Even Number");  

    else // odd  

        printf("Odd Number");  

    getch();  

}
```

Ans-4

```
#include <stdio.h>  

#include <conio.h>  

int main()  

{  

    double cost, sell, profit, loss, pf, lf;  

    printf("Enter cost price and selling price");  

    scanf("%lf %lf", &cost, &sell);  

    if (sell > cost) // profit  

    {  

        profit = sell - cost;  

        pf = ((profit * 100) / cost);  

        printf("Profit percentage = %.lf", pf);  

    }
}
```

```
else
```

```
{     loss = cost - sell ;  
    lf = ((loss * 100) / cost) ;  
    printf ("Loss percentage = %.lf", lf) ;
```

```
}
```

```
getch();
```

```
}
```

Ans-8 #include <stdio.h>

#include <conio.h>

int main ( )

```
{
```

int a, b, c, d, e, sum ;

printf ("Enter Marks of Physics, Chemistry, Maths  
, Computer & English") ;

scanf ("%d %d %d %d %d", &a, &b, &c, &d, &e) ;

printf (a > 33 ? "Pass in Physics\n" : "Fail in Physics\n") ;

printf (b > 33 ? "Pass in Chemistry\n" : "Fail in Chemistry\n") ;

printf (c > 33 ? "Pass in Maths\n" : "Fail in Maths\n") ;

printf (d > 33 ? "Pass in Computer\n" : "Fail in Computer\n") ;

printf (e > 33 ? "Pass in English\n" : "Fail in English\n") ;

sum = a + b + c + d + e ;

printf ("Sum is %.d", sum) ;

if ( sum > 500 )

printf ("Invalid Marks entered") ;

else if ( $\text{sum} > 165$ )

printf("Pass") ;

else if ( $105 \leq \text{sum} < 165$ )

printf("Fail") ;

getch();

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